

RF Exposure Statement

No. : 23LE0055-HO

Applicant	:	SHARP CORPORATION
Type of Equipment	:	Notebook Computer
Model No.	:	PC-AV18P
FCC ID	:	APYNAR0051

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the Notebook Computer(PC-AV18P) as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0m W/cm² uncontrolled exposure limit.

Since the shortest distance between the antenna inside EUT and human body is 2.2cm when LCD is closed, the calculation is as follows:

$$S = (P * G) / (4 * \pi * r^2) \quad \text{or} \quad r = \sqrt{(P * G) / (4 * \pi * S)}$$

Where

P =	15.49 mW (Maximum Conducted Power)
G =	1.88 Numerical Antenna gain; equal to 2.75dBi
r =	2.20 cm (Minimum length antenna to human body)

For: PC-AV18P **S = 0.47967 mW/cm²**

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